



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/726394	
			Filing Date	December 2, 2003	
			First Named Inventor	Lisa Pfefferle	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	YU-P01-008

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
DA	AA	5538711	07-23-1996	Emerson et al.	
	AB	6314019B1	11-06-2001	Kuekes et al.	
	AC	6333016B1	12-25-2001	Resasco et al.	
	AD	6413487B1	07/02-2002	Resasco et al.	
	AE	6,159,742	12-12-2000	Lieber et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
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Sheet	2	of	3	Attorney Docket Number	YU-P01-008

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
SDA	CA	LI et al., "Large-Scale Synthesis of Aligned Carbon Nanotubes," Science 12/6/96 pp 1701-1703, USA	
	CB	MUKHOPADHYAY et al., "A Simple and Novel Way to Synthesize Aligned Nanotube Bundles at Low Temperature," pp L1257-L1259 Jpn. J. Appl. Phys. Vol 37, Japan.	
	CC	ZHANG et al., "Template Synthesis of High-Density Carbon Nanotube Arrays," pp 306-310 Journal of Crystal Growth 223 (2001)	
	CD	LAUNOIS et al., "Carbon Nanotubes Synthesised in channels of AlPO ₄ -5 Single Crystals: First X-Ray Scattering Investigations," pp 99-103 Solid State Communications, 2000	
	CE	ZHANG et al., "A Novel Method of Varying the Diameter of Carbon Nanotubes Formed on an Fe-Supported Y Zeolite Catalyst," pp 383-388, Microporous and Mesoporous Materials, 1999	
	CF	CUI et al, "Nanowire Nanosensors for Highly Sensitive and Selective Detection of Biological and Chemical Species," pp 1289-1292 Science Magazine, 8/17/01	
	CG	RAO et al., "Nanotubes," pp 78-105 Chemphyschem, 2001.	
	CH	WANG et al., "Two- and Three-Dimensional Alignment and Patterning of Carbon Nanotubes," pp 165-167, Advanced Materials, 1/16/02.	
	CI	SINNOTT et al., "Model of Carbon Nanotube Growth Through Chemical Vapor Deposition," pp 25-30 Chemical Physics Letters 315(1999)	
	CJ	SINNOTT et al., "Carbon Nanotubes: Synthesis, Properties, and Applications," Critical Reviews in Solid State and Materials Sciences 26(3):145-249 (2001)	
	CK	FONSECA et al., "Synthesis of Single- and Multi-Wall Carbon Nanotubes Over Supported Catalysts," Applied Physics A 67, 11-22(1998)	
	CL	JIANG et al., "Catalytic Growth of Carbon Nanotubes From the Internal Surface of Fe-Loading Mesoporous Molecular Sieves Materials," Materials Chemistry and Physics vol. 69, Issues 1-3, pp 246-251, 3/1/01.	
	CM	DAI, "Carbon Nanotubes: Opportunities and Challenges," Surface Science 500 (2002) pp 218-241	
	CN	ZHAO et al., "A Novel Method for Tailoring the Pore-Opening Size of MCM-41 Materials," Chem. Communications, 1999, pp 1391-1392.	
	CO	ZHAO et al., "Advances in Mesoporous Molecular Sieve MCM-41," Ind. Eng. Chem. Res. 1996, 35:2075-2090	
	CP	WU et al., "Conducting Carbon Wires in Ordered, Nanometer-Sized Channels," Science 266:1013-1015 (1994)	
	CQ	CHEUNG et al., "Diameter-Controlled Synthesis of Carbon Nanotubes," Journal of Phys. Chem. B 2002 106:2429-2433.	
	CR	LIM et al., "Gas Phase Methanol Oxidation on V-MCM-41," Applied Catalysis A: General 188 (1999) 277-286	
	CS	LIM et al., "Preparation of Highly Ordered Vanadium-Substituted MCM-41: Stability and Acidic Properties," Journal of Phys. Chem. B 2002 106:8437-8448.	
	CT	KATAURA et al., "Optical Properties of Single-Wall Carbon Nanotubes," Synthetic Metals 103 (1999) 2555-2558.	
	CU	LEE et al., "Synthesis of a New Mesoporous Carbon and its Application to Electrochemical Double-Layer Capacitors," Chem. Commun. 1999, pp 2177-2178	
✓	CV	RAVIKOVITCH et al., "Evaluation of Pore Structure Parameters of MCM-41 Catalyst Supports and Catalysts by Means of Nitrogen and Argon Adsorption," Journal of Phys. Chem. B 1997, 101:3671-3679.	

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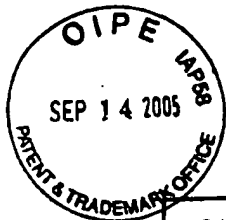
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete If Known		
			Application Number	10/726394	
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			First Named Inventor	Lisa Pfefferle	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	3	of	3	Attorney Docket Number	YU-P01-008

<input checked="" type="checkbox"/>	CW	ALVAREZ et al., "Synergism of Co and Mo in the Catalytic Production of Single-Wall Carbon Nanotubes by Decomposition of CO," Carbon 39 (2001):547-558.	
<input type="checkbox"/>	CX	Dai, H. et al. Controlled Chemical Routes to Nanotube Architectures, Physics, and Devices. J. Phys. Chem. B 103, 11246-255 (1999).	
<input type="checkbox"/>	CY	Tolbert, S.H. et al. Magnetic Field Alignment of Ordered Silicate-Surfactant Composites and Mesoporous Silica. Science 278, 264-68 (10 Oct. 1997).	
<input checked="" type="checkbox"/>	CZ	Zheng, G. et al. Chemical Vapor Deposition Growth of Well-Aligned Carbon Nanotube Patterns on Cubic Mesoporous Silica Films by Soft Lithography. Chem. Matter. 13, 2240-42 (2001).	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PTO/SB/08a/b (07-05)

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				Application Number	10/726394
				Filing Date	December 2, 2003
				First Named Inventor	Lisa Pfefferle
				Art Unit	1754
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	YU-P03-008

U.S. PATENT DOCUMENTS					
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SW	CA	Jun Li et al., "The Synthesis of Single-Walled Carbon Nanotubes by CVD Catalyzed with Mesoporous MCM-41 Powder" by "Science and Application of Nanotubes", Tomanek & Enbody, Kluwer Academic/Plenum, page 181-193 (2000).	

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